

NOV. 10, 2022 • ARCHXS

Digital philately

Cryptophilately - Web3 for stamp collecting



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OUR SOLUTION



Complete Extensible Crypto Stamp System

- Paper wallets for physical layer
- NFT based on ERC1155 standard
- Affiliation and community tokens
- Dedicated Web3 application
- Web3 authentication flow
- Various blockchain networks

20%

IS THE APPROXIMATE VALUE OF
THE DEDICATED IT SOLUTION
COMPARED TO MARKET BIDS

In our case there is no additional expenditure on management and administrative costs without any loss of quality.

How does the Crypto Stamps work?

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PAPER WALLET

Each physical stamp comes with a dedicated paper wallet with a pre-generated NFT token.

MIXED SALES

Physical stamps with associated tokens are sold through traditional channels, while NFT tokens are sold directly on-chain.

COMMUNITY FOCUS

An ecosystem focused on building a community of digital philatelists.

Solution Architecture

ONE CONTRACT
- MANY COLLECTIONS

EMAIL & CRM

Integration with third-party online marketing service providers such as:

- MailChimp
- GetResponse
- ...

WEB3

Latest tools and popular platforms:

- Solidity
- Rust
- Alchemy
- Infura
- IPFS

BLOCKCHAINS

Most popular networks

- Ethereum
- Polygon
- Solana

TECHNOLOGIES

Proven and reliable technologies:

- React
- Java/Quarkus
- OAuth2/Keycloak

Timeline

3 MONTHS FROM CONTRACT TO PRODUCTION

1ST. M

PRE-IMPLEMENTATION ANALYSIS

- Project proposal and contract signing.

2ND. M

PILOT DEPLOYMENT

- Preparation of data for the production of the physical layer.
- Launch of the collection web page.
- NFT Collection launch phases.

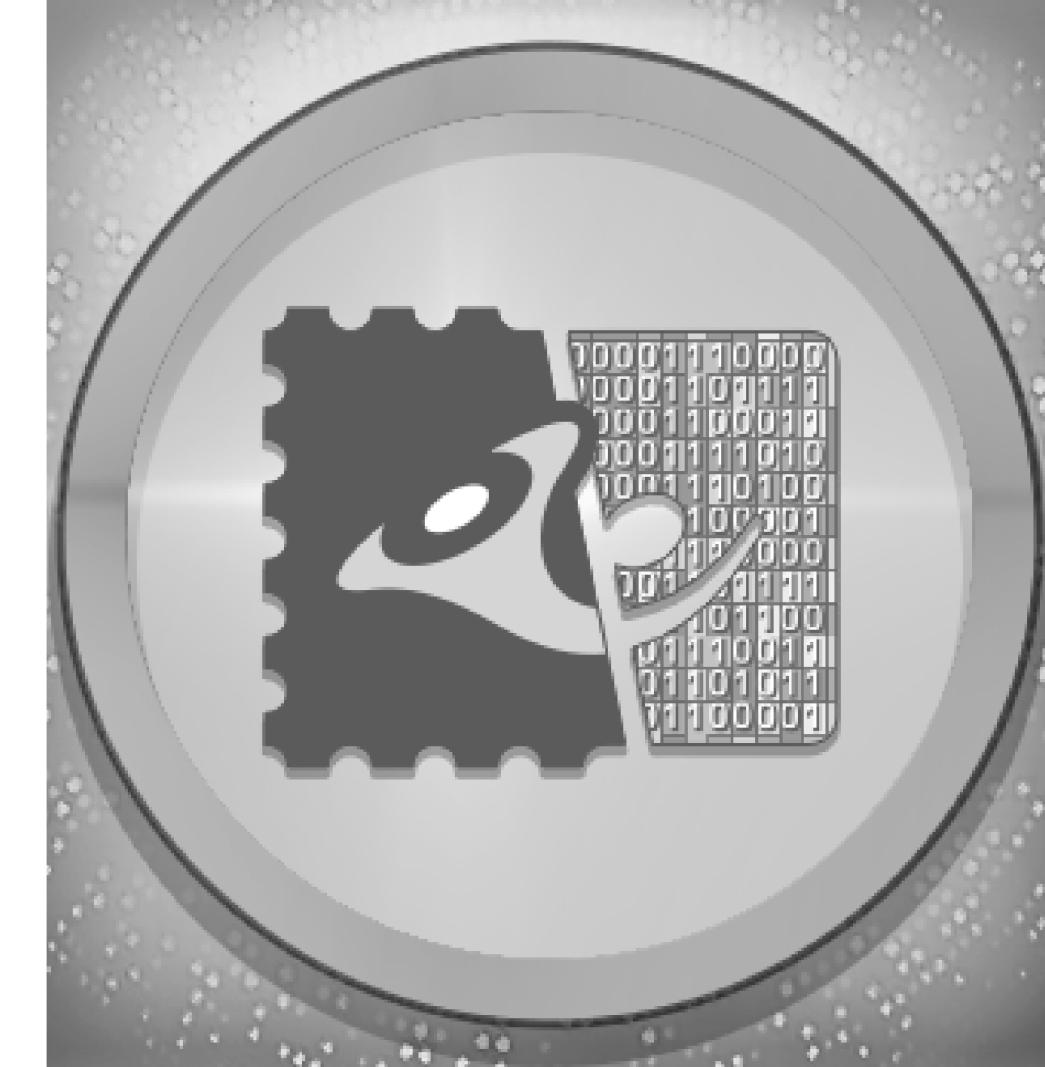
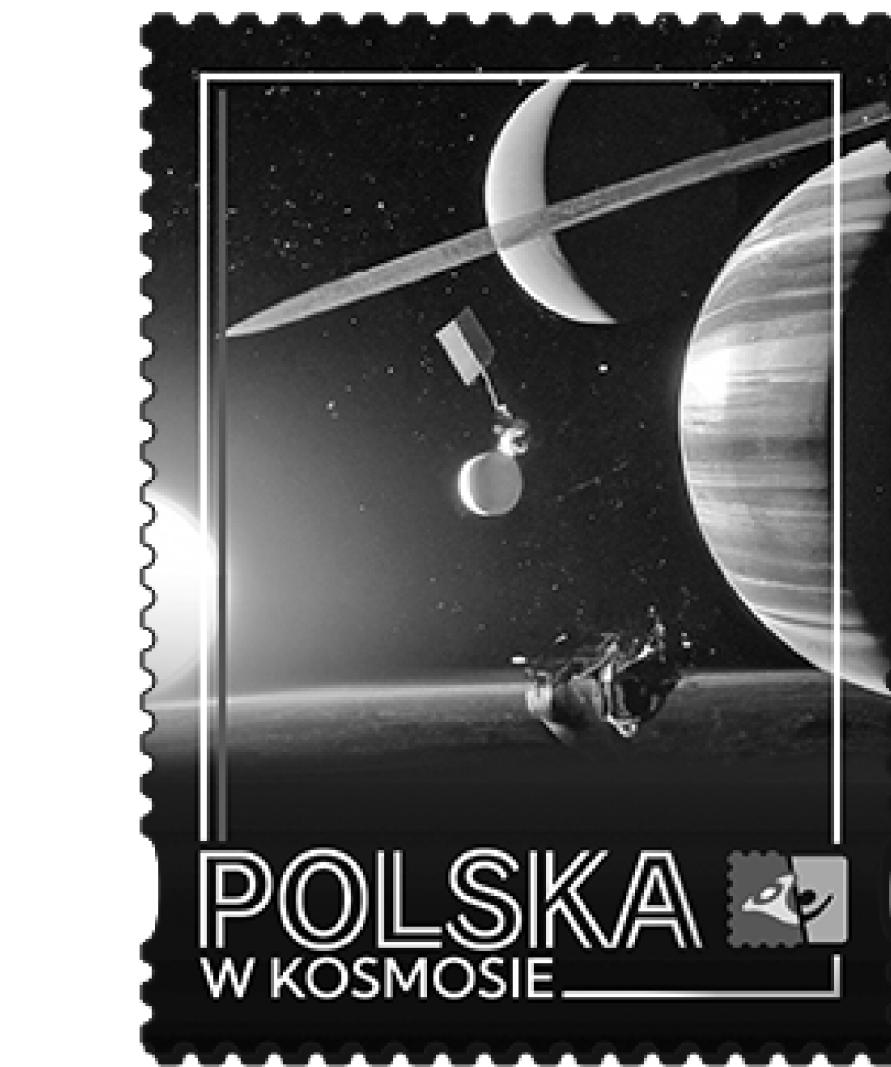
3RD. M

PRODUCTION DEPLOYMENT

- Fully operational crypto stamp environment.
- Dedicated operational support.

SAMPLE PROJECT

Polish Crypto Stamp
nft.poczta-polska.pl





The Author

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